



IFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Here U.S. Patent Application of

)

**KOBAYAKAWA et al.**

)

**Application Number: 10/521,746**

)

**Filed: January 19, 2005**

)

**For: GAS CONCENTRATION MEASUREMENT  
INSTRUMENT AND GAS CONCENTRATION  
MEASUREMENT METHOD**

)

**Examiner**

**Larkin, Daniel S.**

)

**Attorney Docket No. HIRA.0174**

)

**Commissioner of Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

**COVER LETTER**

Sir:

The fee for submission of claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS ALREADY PAID	RATE	CALCULATION
Total Claims	3	3	(Over 20)	x \$50	0
Independent Claims	2	2	(Over 3)	x \$200	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$360	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28).				x ½	
				<b>TOTAL</b>	<b>0</b>

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

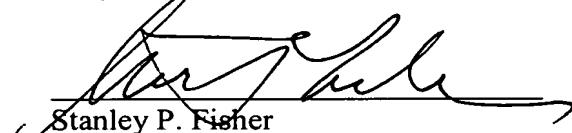
<input checked="" type="checkbox"/> Response to Office Action (with Claim Amendments)	<input type="checkbox"/> Petition for Extension of Time ( month)
<input checked="" type="checkbox"/> Substitute Specification (Clean and marked up)	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Letter to Draftsperson
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Assignment
	<input type="checkbox"/> Other _____

Please charge my **Deposit Account Number** \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the fees for \_\_\_\_\_. A duplicate copy of this paper is enclosed.

A check in the amount of \$\_\_\_\_\_ to cover the fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,



Stanley P. Fisher  
Registration Number 24,344

---

Juan Carlos A. Marquez  
Registration No. 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200  
**November 6, 2006**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re U.S. Patent Application of** )  
**KOBAYAKAWA et al.** )  
**Application Number: 10/521,746** ) **Art Unit 2856**  
**Filed: January 19, 2005** )  
**For: GAS CONCENTRATION MEASUREMENT** ) **Examiner**  
**INSTRUMENT AND GAS CONCENTRATION** ) **Larkin, Daniel S.**  
**MEASUREMENT METHOD** )  
**Attorney Docket No. HIRA.0174** )

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111**

Sir:

This is in response to the Office Action mailed on August 4, 2006, the period of response to which is set to expire on November 6, 2006. A marked-up version and a clean version of a substitute specification are being submitted herewith. Please amend the above-referenced application as follows: